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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS		Attorney Docket No.	500.40584X00
		First Inventor	Yasuyuki KOJIMA
		Title	See 1 in Addendum
		Express Mail Label No.	

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 33]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 12 ]

5. Oath or Declaration [ Total Pages ]

a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))  
37 CFR 3.73(b) Statement  Power of Attorney  
10.  (when there is an assignee)  Attorney

11.  English Translation Document (if applicable)  
Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
12.  Preliminary Amendment  
13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)  
14.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)  
15.  Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.  See Attachment  
16.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part(CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	020457 (Insert Customer No. or Attach bar code label here.)		<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name			
Address			
City	State	Zip Code	
Country	Telephone		Fax
Name (Print/Type)	Alan E. Schiavelli		Registration No. (Attorney/Agent) 32,087
Signature			Date August 29, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

j1046 U.S. PTO  
09/940639

08/29/01

**Attorney Docket No.:** 500.40584X00  
**First Inventor:** Yasuyuki KOJIMA  
**Title:** See 2 in Addendum  
**Express Mail Label No.:**

**UTILITY PATENT APPLICATION TRANSMITTAL (PTO/SB/05)**

## 17. Other Accompanying Application Parts (Cont'd):

Figs. 1-9,10A-10B,11-12

## Credit Card Payment Form

Info. Discl. Sheet Under 37 CFR 1.56 w/refs.

## Claim for Priority Letter

## Addendum

1. ELECTRIC CIRCUIT BOARD INCLUDING GLASS SUBSTRATE AND METHOD AND APPARATUS TRIMMING THEREOF
2. ELECTRIC CIRCUIT BOARD INCLUDING GLASS SUBSTRATE AND METHOD AND APPARATUS TRIMMING THEREOF

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# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$1,030.00)

## Complete if Known

Application Number	
Filing Date	August 29, 2001
First Named Inventor	Yasuyuki KOJIMA
Examiner Name	
Group / Art Unit	
Attorney Docket No.	500.40584X00

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2135

Deposit Account Name Antonelli, Terry, Stout &amp; Kraus, LLP

 Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.172.  Payment Enclosed:  
 Check  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
101 690	201 345	Utility filing fee		710.00	
106 310	206 155	Design filing fee			
107 480	207 240	Plant filing fee			
108 690	208 345	Reissue filing fee			
114 150	214 75	Provisional filing fee			
SUBTOTAL (1)		(\$)		710.00	

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	15 -20** = 0	x 18	= 0
Independent Claims	7 - 3** = 4	x 80	= 320
Multiple Dependent			= 0

\*\*or number previously paid, if greater; For Reissues, see below

## Large Entity Small Entity

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
103 18	203 9	Claims in excess of 20			
102 78	202 39	Independent claims in excess of 3			
104 260	204 130	Multiple dependent claim, if not paid			
109 78	209 39	** Reissue independent claims over original patent			
110 18	210 9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)		(\$)		320.00	

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
105 130	205 65	Surcharge - late filing fee or oath	0.00		
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	0.00		
139 130	139 130	Non-English specification	0.00		
147 2,520	147 2,520	For filing a request for reexamination	0.00		
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00		
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00		
115 110	215 55	Extension for reply within first month	0.00		
116 380	216 190	Extension for reply within second month	0.00		
117 870	217 435	Extension for reply within third month	0.00		
118 1,360	218 680	Extension for reply within fourth month	0.00		
128 1,850	228 925	Extension for reply within fifth month	0.00		
119 300	219 150	Notice of Appeal	0.00		
120 300	220 150	Filing a brief in support of an appeal	0.00		
121 260	221 130	Request for oral hearing	0.00		
138 1,510	138 1,510	Petition to institute a public use proceeding	0.00		
140 110	240 55	Petition to revive - unavoidable	0.00		
141 1,210	241 605	Petition to revive - unintentional	0.00		
142 1,210	242 605	Utility issue fee (or reissue)	0.00		
143 430	243 215	Design issue fee	0.00		
144 580	244 290	Plant issue fee	0.00		
122 130	122 130	Petitions to the Commissioner	0.00		
123 50	123 50	Petitions related to provisional applications	0.00		
126 240	126 240	Submission of Information Disclosure Stmt	0.00		
581 40	581 40	Recording each patent assignment per property (times number of properties)	0.00		
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00		
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00		
Other fee (specify)			0.00		
Other fee (specify)			0.00		
SUBTOTAL (3)		(\$)		0.00	

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Alan E. Schiavelli	Registration No. (Attorney/Agent)	32,087	Telephone	703-312-6600
Signature				Date	August 29, 2001

## WARNING:

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PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
Fee Record Sheet

08/31/2001 EHAILE1 00000061 09940639

01 FC:101 710.00 OP  
02 FC:102 320.00 OP

PTO-1556

(5/87)